

FIG. 1

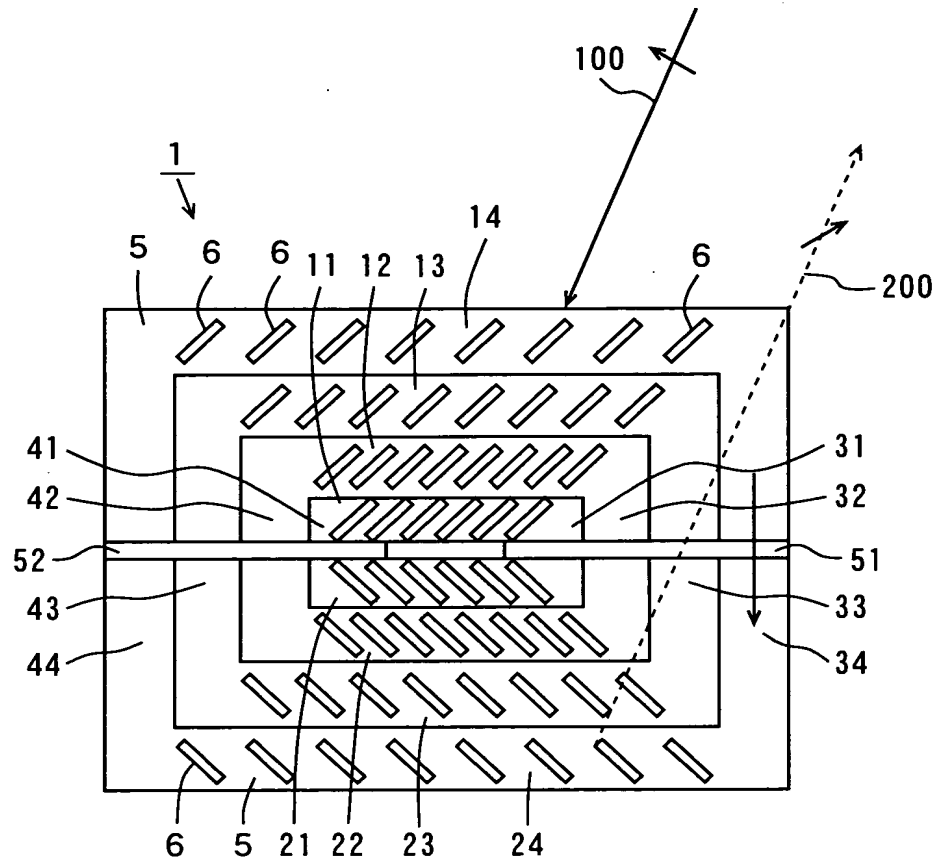
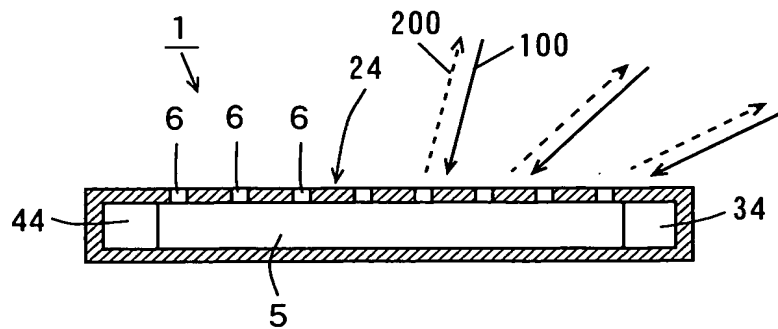


FIG. 2



The diagram shows a cross-section of a photonic crystal slab. The slab consists of a periodic array of rectangular rods (labeled 5) embedded in a dielectric medium (labeled 6). A tapered dielectric layer (labeled 11) is positioned on top of the rods. The total length of the slab is denoted by  $L$ . The width of the rods is  $w$ , and the distance between them is  $d$ . An angle  $\Omega$  is indicated between the top surface of the tapered layer and the horizontal plane.

FIG. 5

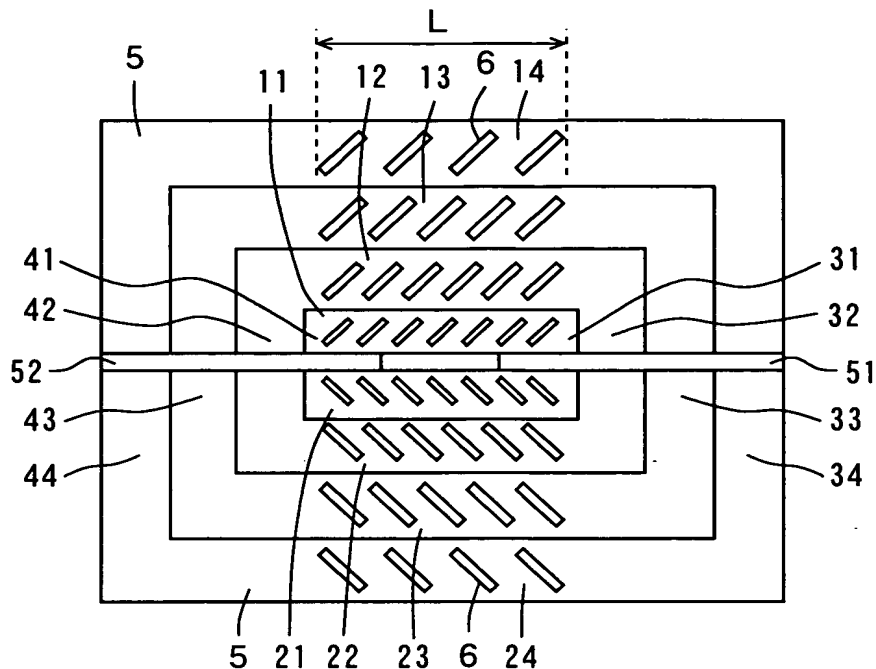


FIG. 6

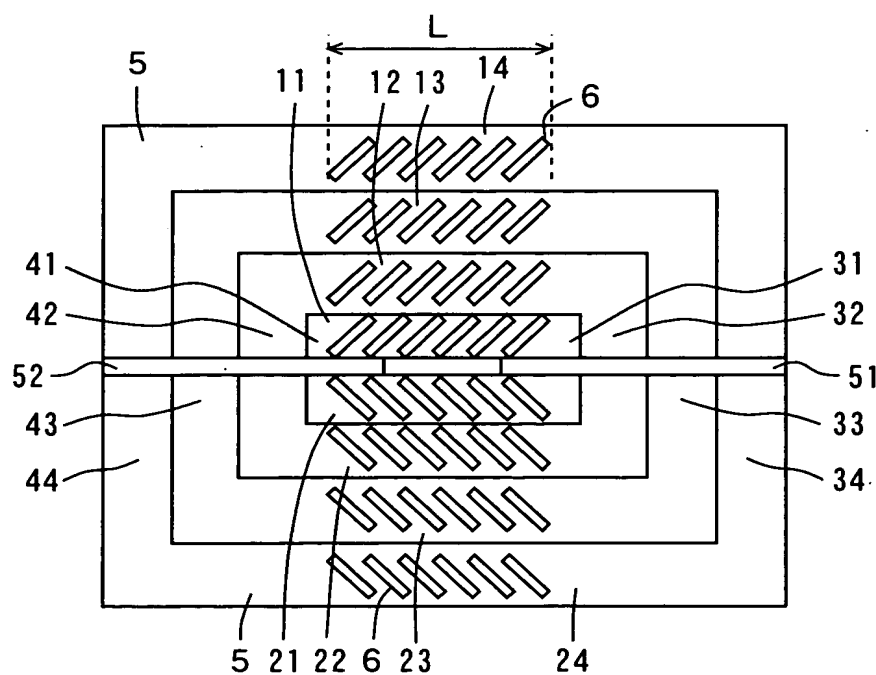


FIG. 7

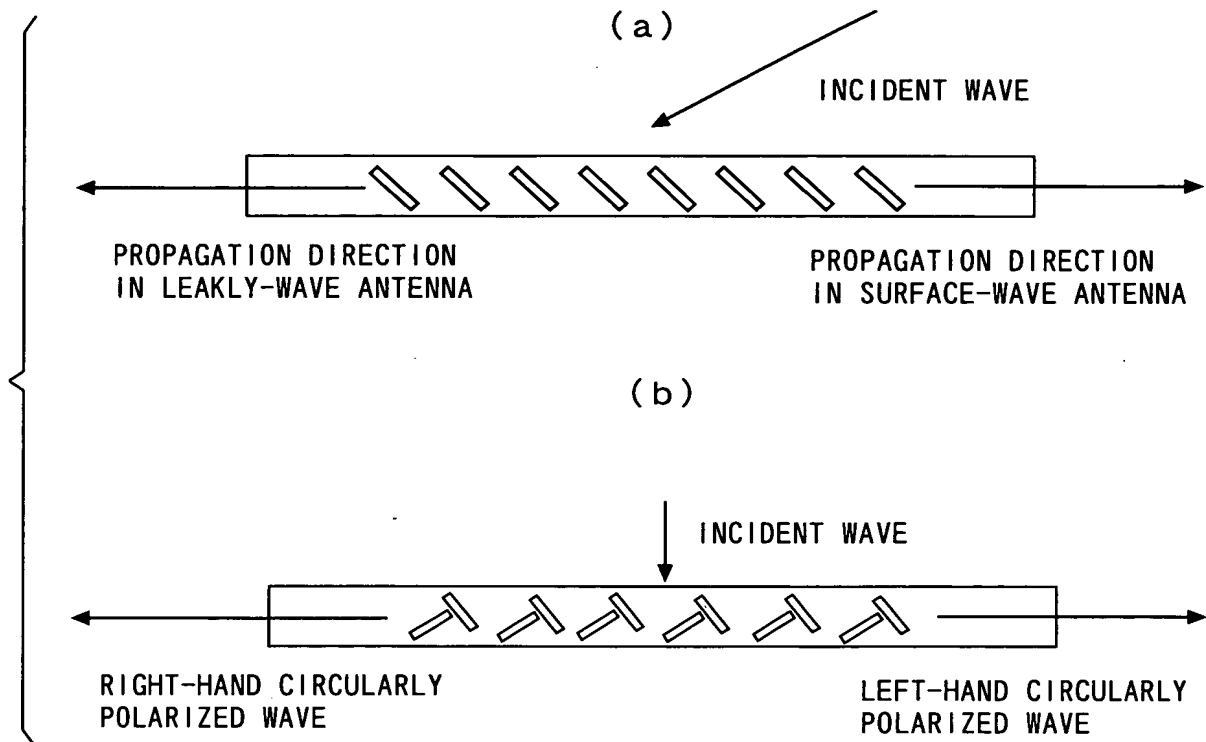


FIG. 8

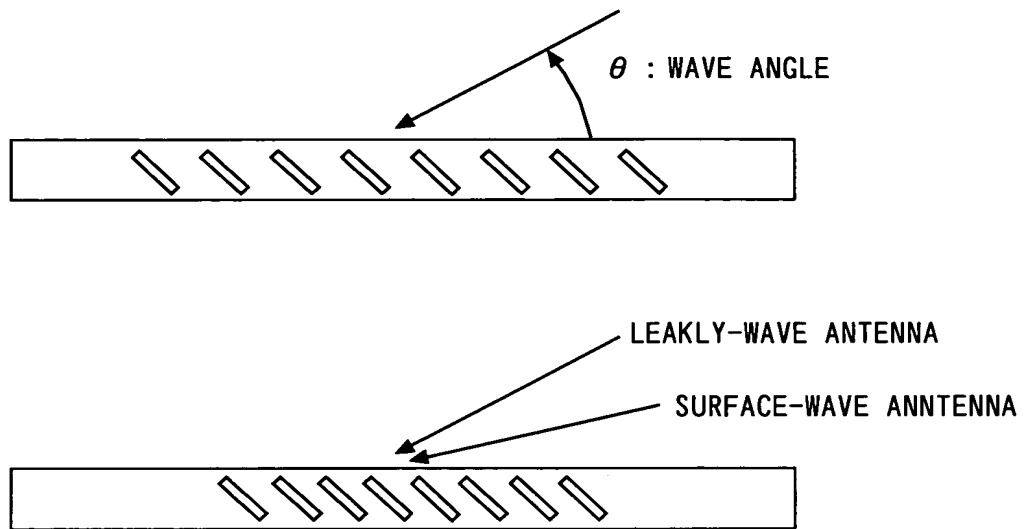


FIG. 9

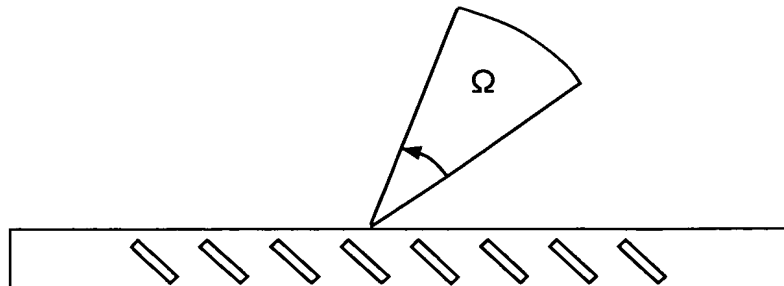


FIG. 10

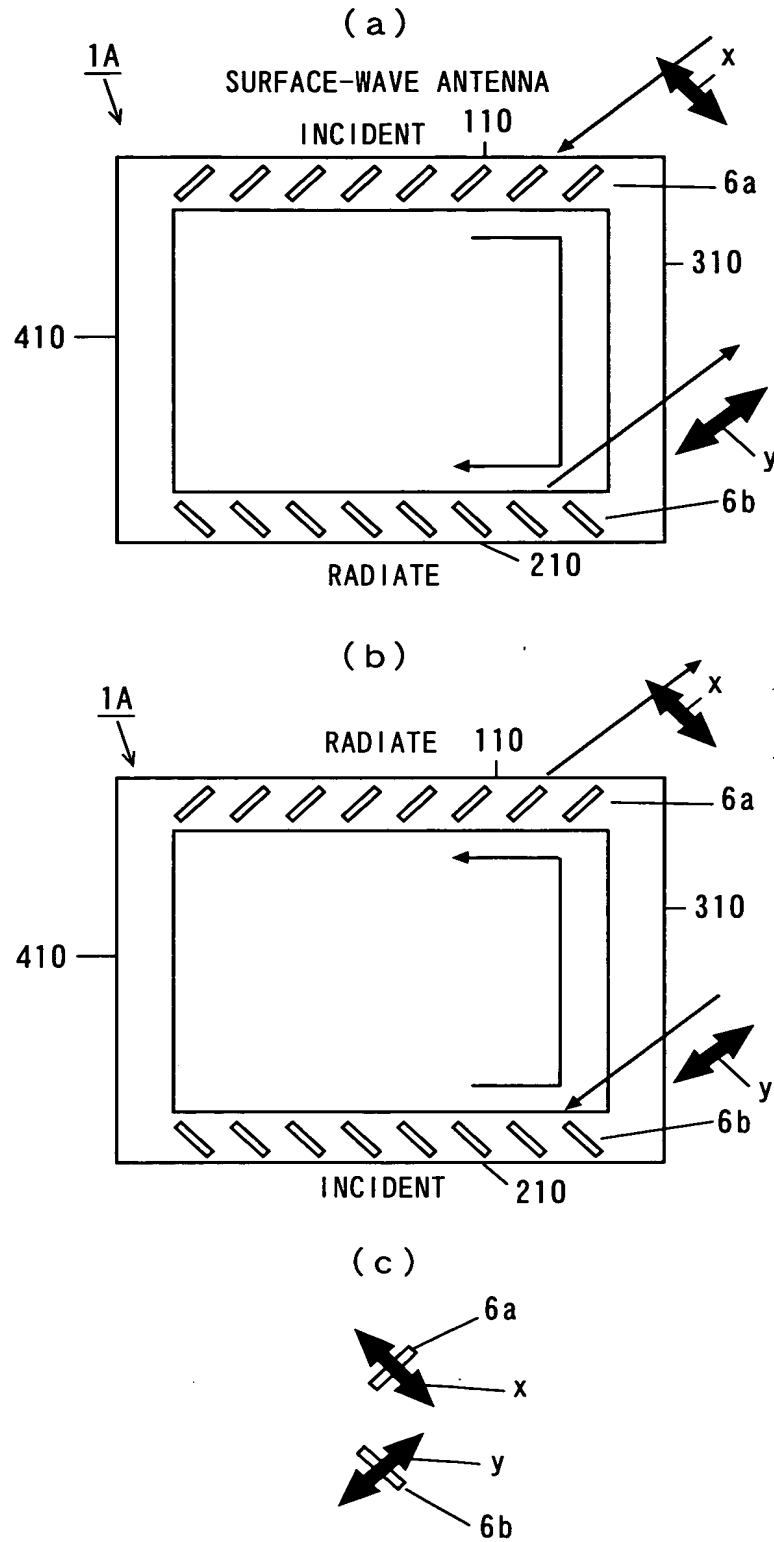


FIG. 11

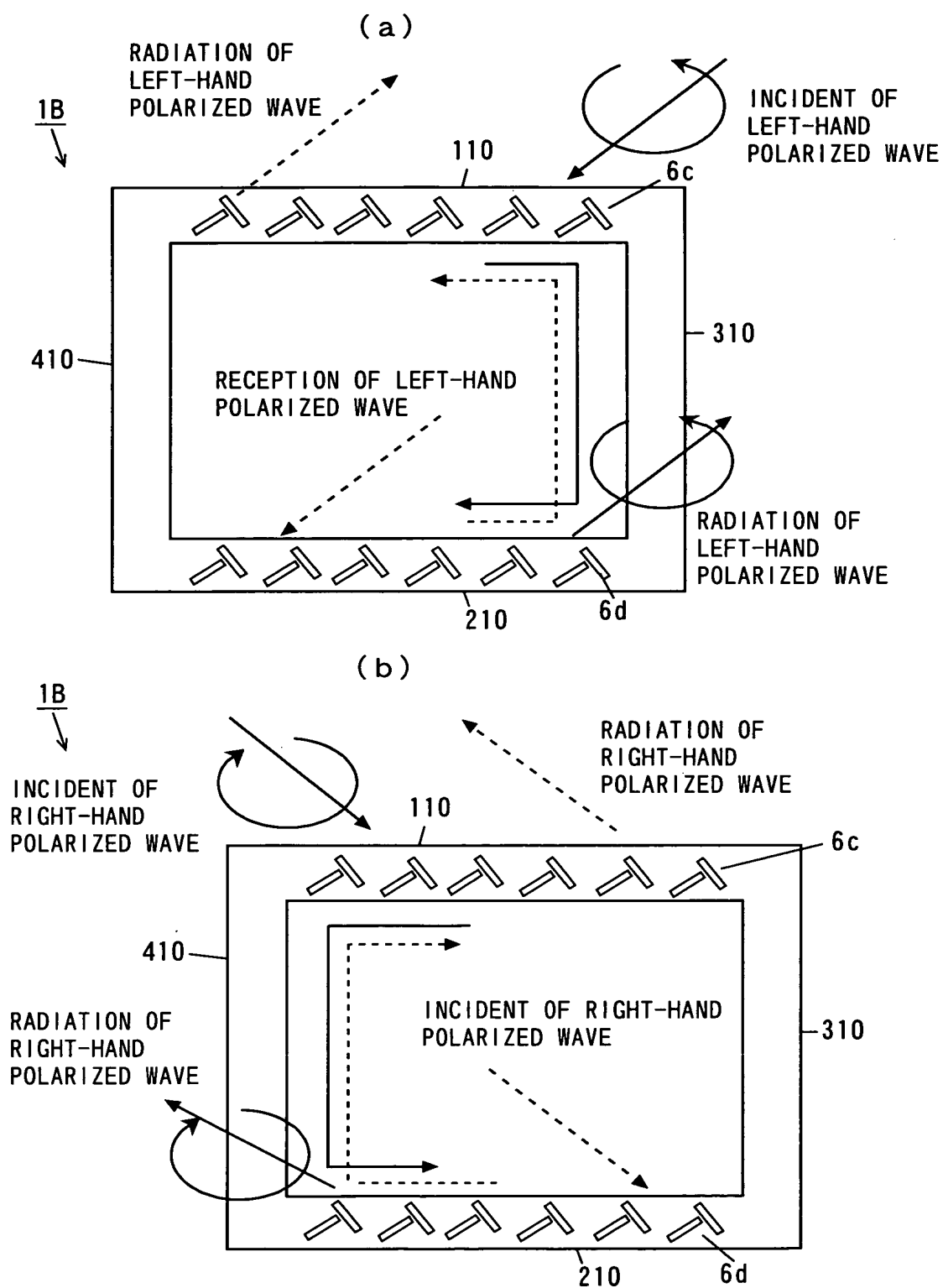


FIG. 12

